

Scholar@UC Institutional Repository

Boilerplate Text for Data Management Plans

_Data Sharing and Preservation with the Scholar@UC Institutional Repository_

A long-term data sharing and preservation plan stores and makes publicly accessible the data beyond the life of the project. The data will be deposited into the UC Institutional Repository, Scholar@UC - http://scholar.uc.edu. Scholar is an open access platform based on the Samvera open source framework for dissemination and archiving of university research data. Data files in Scholar are written to an Isilon storage system with several backup copies, two in local geographically separated University of Cincinnati Data Centers and one in a remote data center. The local Isilon cluster stores the data in such a way that the data can survive the loss of any two disks or any one node of the cluster. Within two hours of the initial write, data replication to the 2nd Isilon cluster commences. The 2nd cluster employs the same protections as the local cluster, and both verify with a checksum procedure that data has not altered on write. In addition, Scholar provides long-term preservation of digital data files using services such as secure backup, bit-level checksums, and maintains a persistent DOIs for data sets, facilitating data citations. Archival copies and their associated metadata will be sent to Academic Preservation Trust for long-term preservation. APTrust keeps at least six copies of all content (files and metadata) in the cloud in two geographically distinct data centers and regularly uses checksum algorithms to confirm that all copies still agree.

For assistance, contact AskData@uc.edu or visit http://libraries.uc.edu/digital-scholarship/data-services

(rev. 9/12/2017)